

FIG. 1

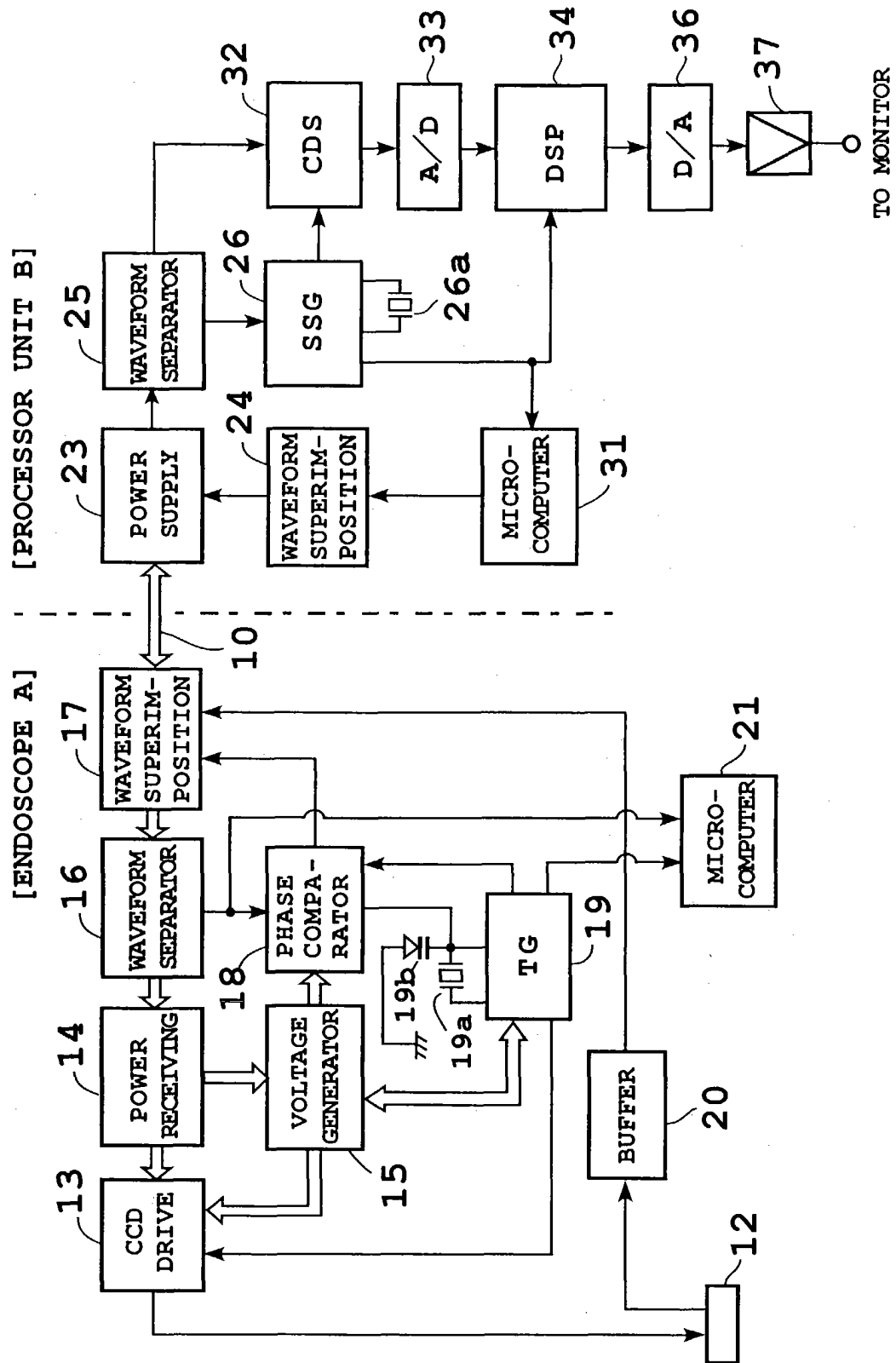


FIG. 2

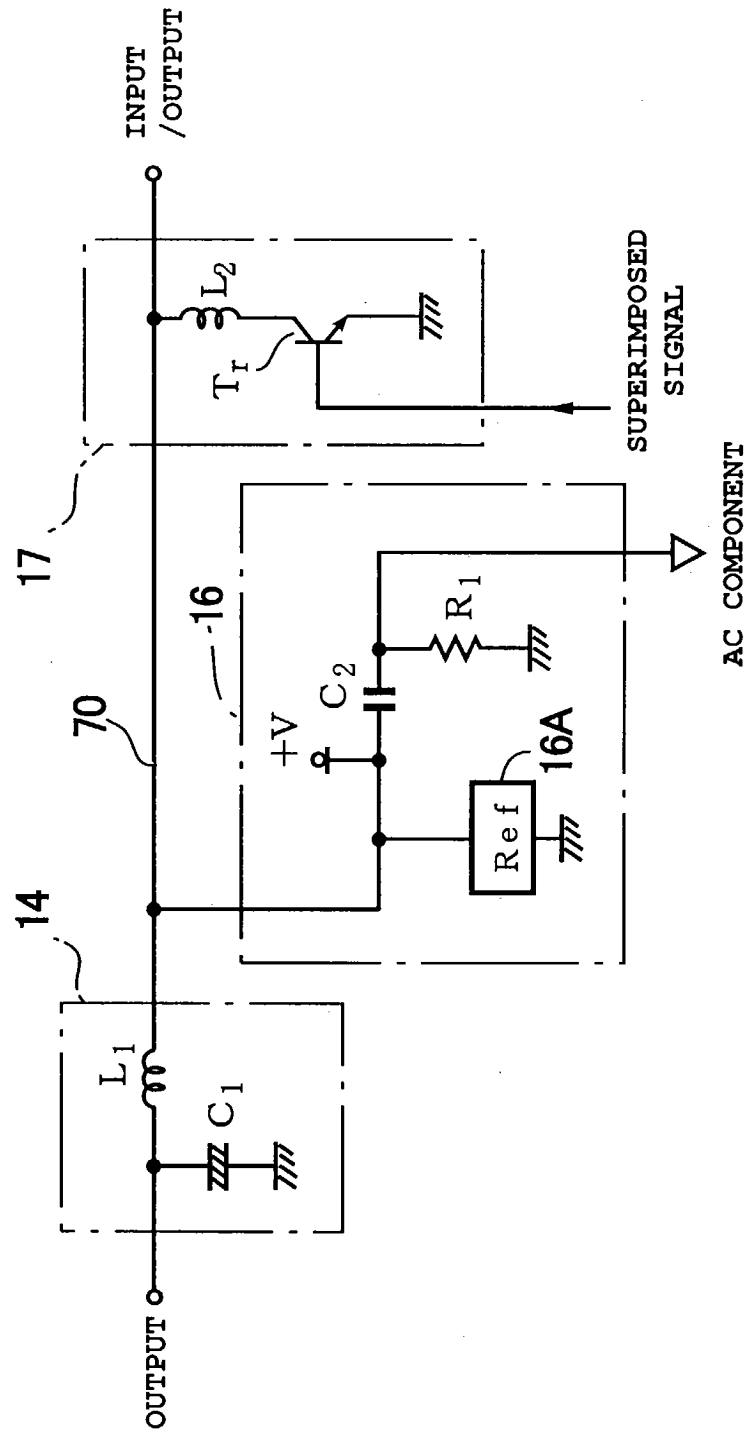


FIG. 3 (A) HORIZONTAL SYNCHRONIZING SIGNAL



FIG. 3 (B) CLOCK SIGNAL

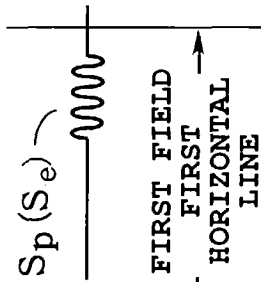
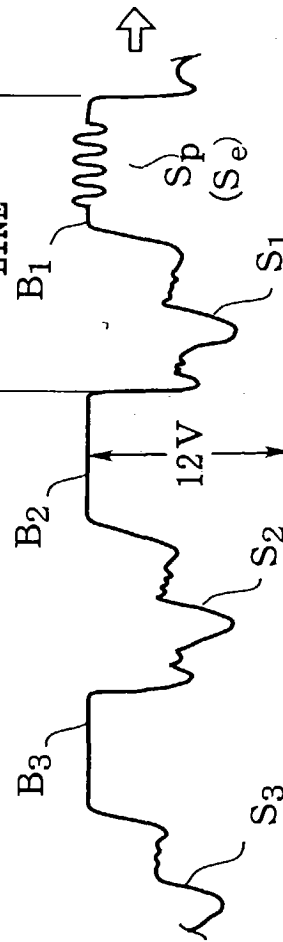


FIG. 3 (C) SUPERIMPOSED SIGNAL



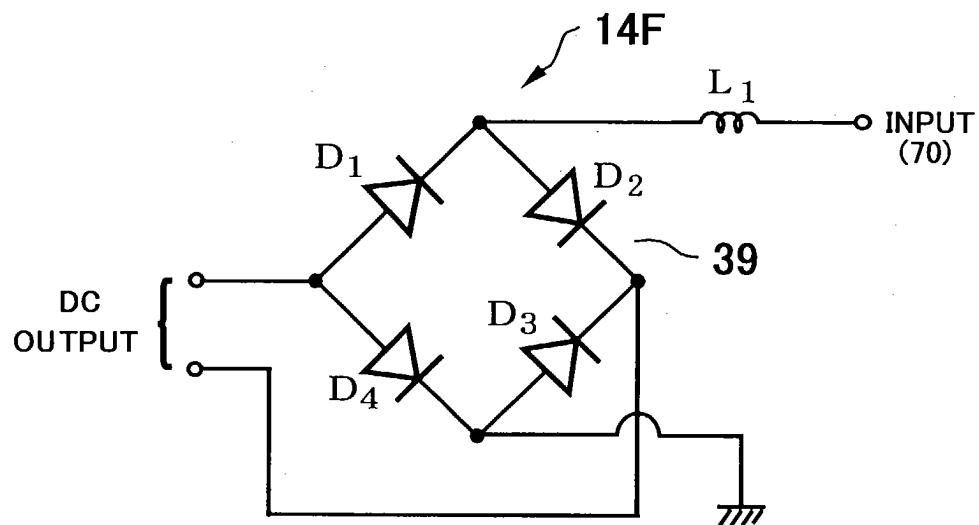
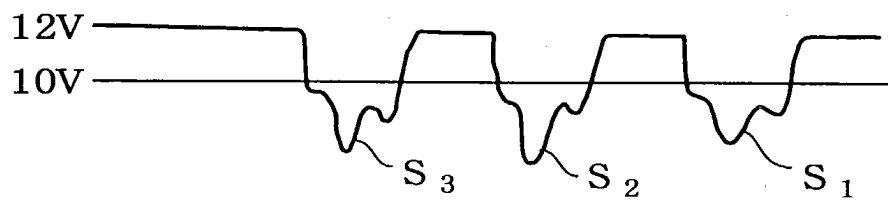
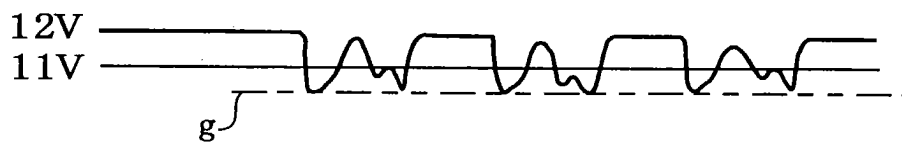
**FIG. 4****FIG. 5 (A)****FIG. 5 (B)**

FIG. 6

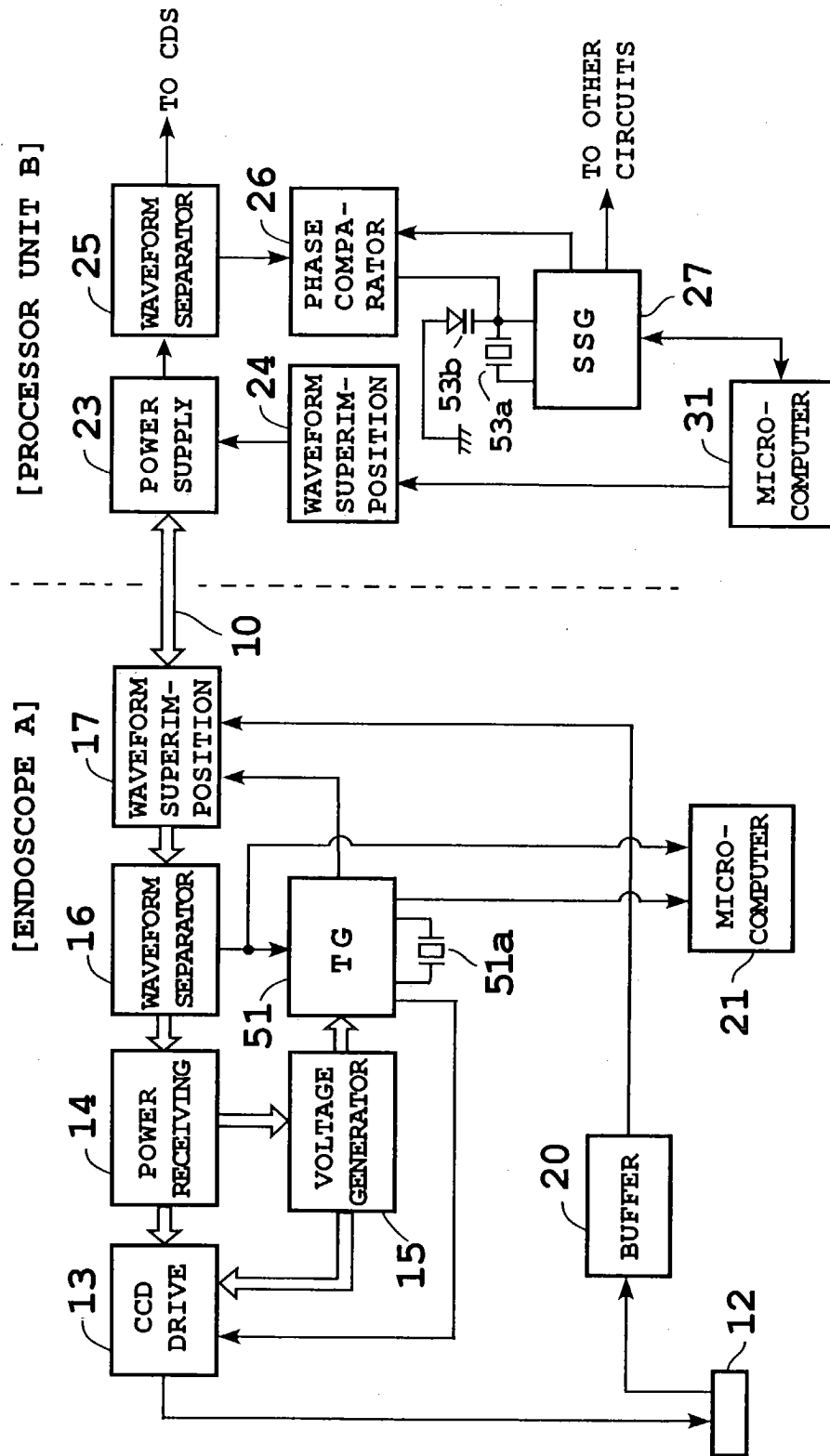
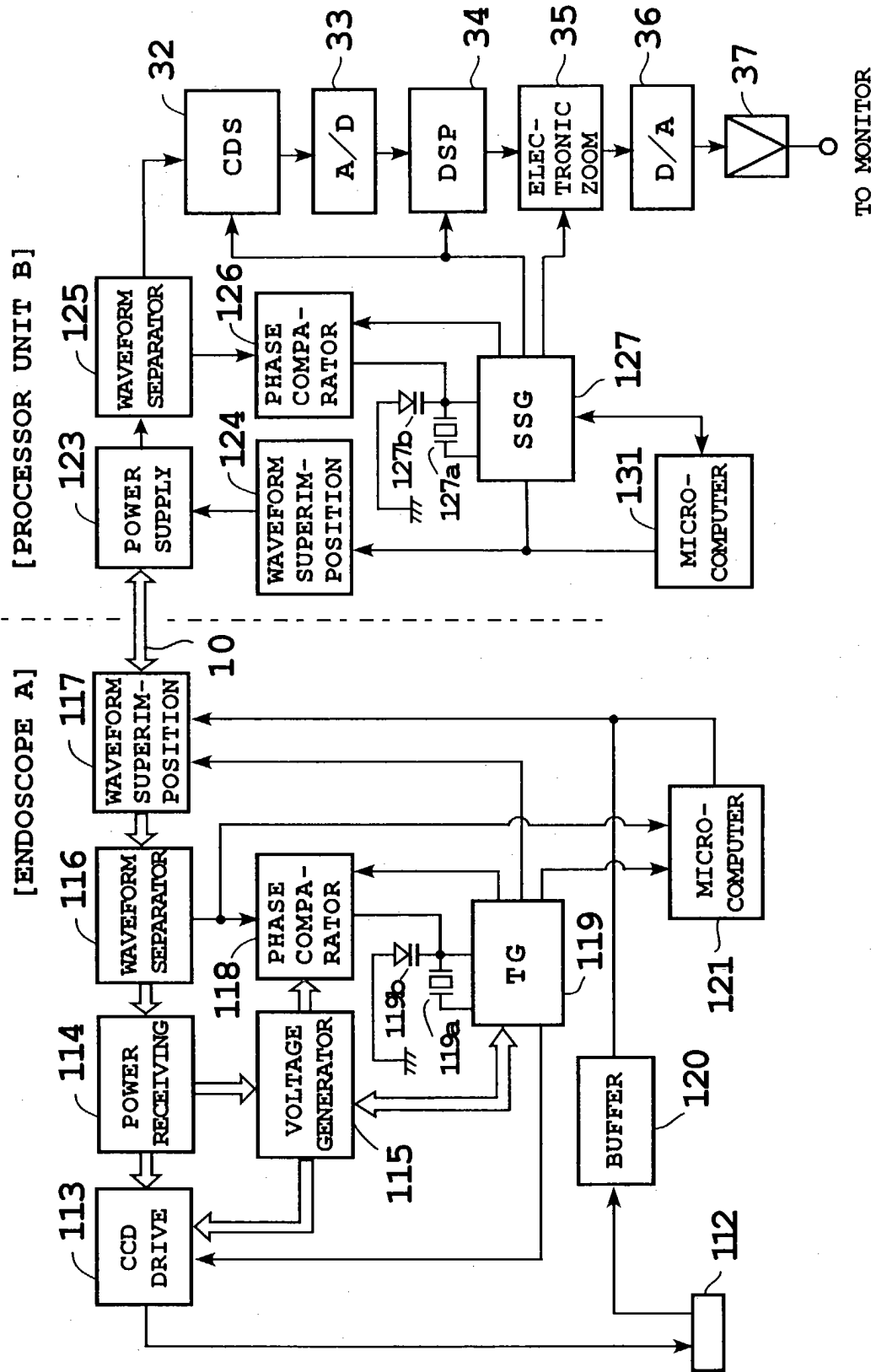
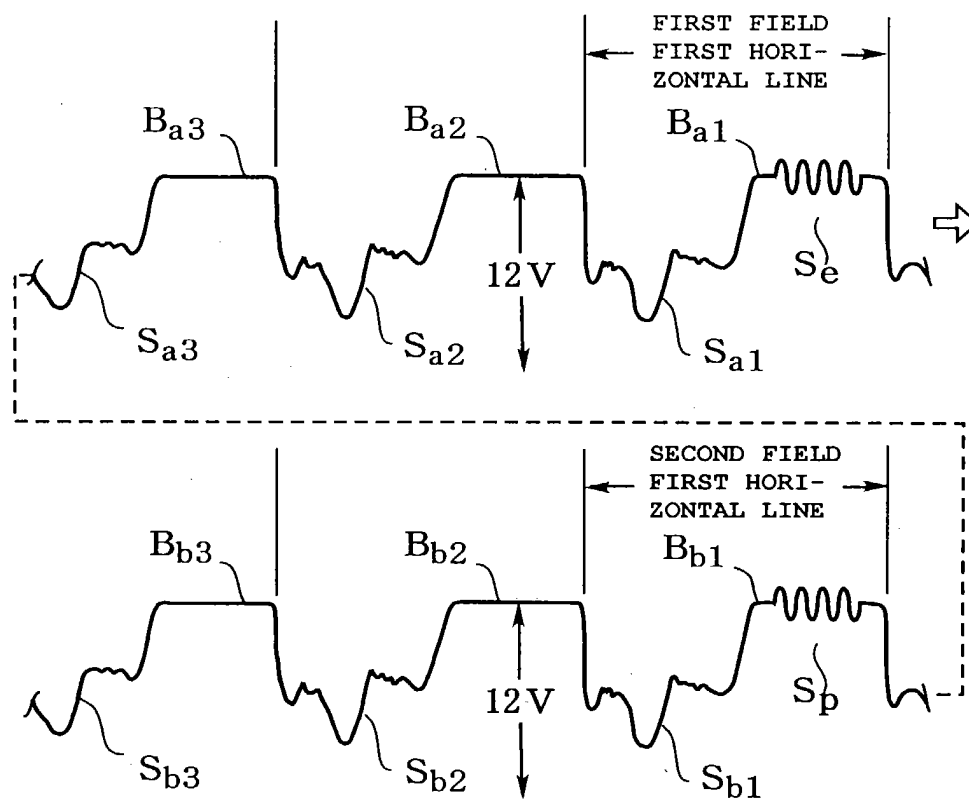
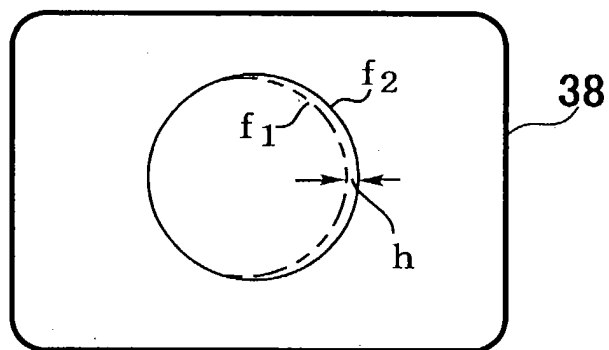


FIG. 7



**FIG. 8****FIG. 9**

**FIG. 10**

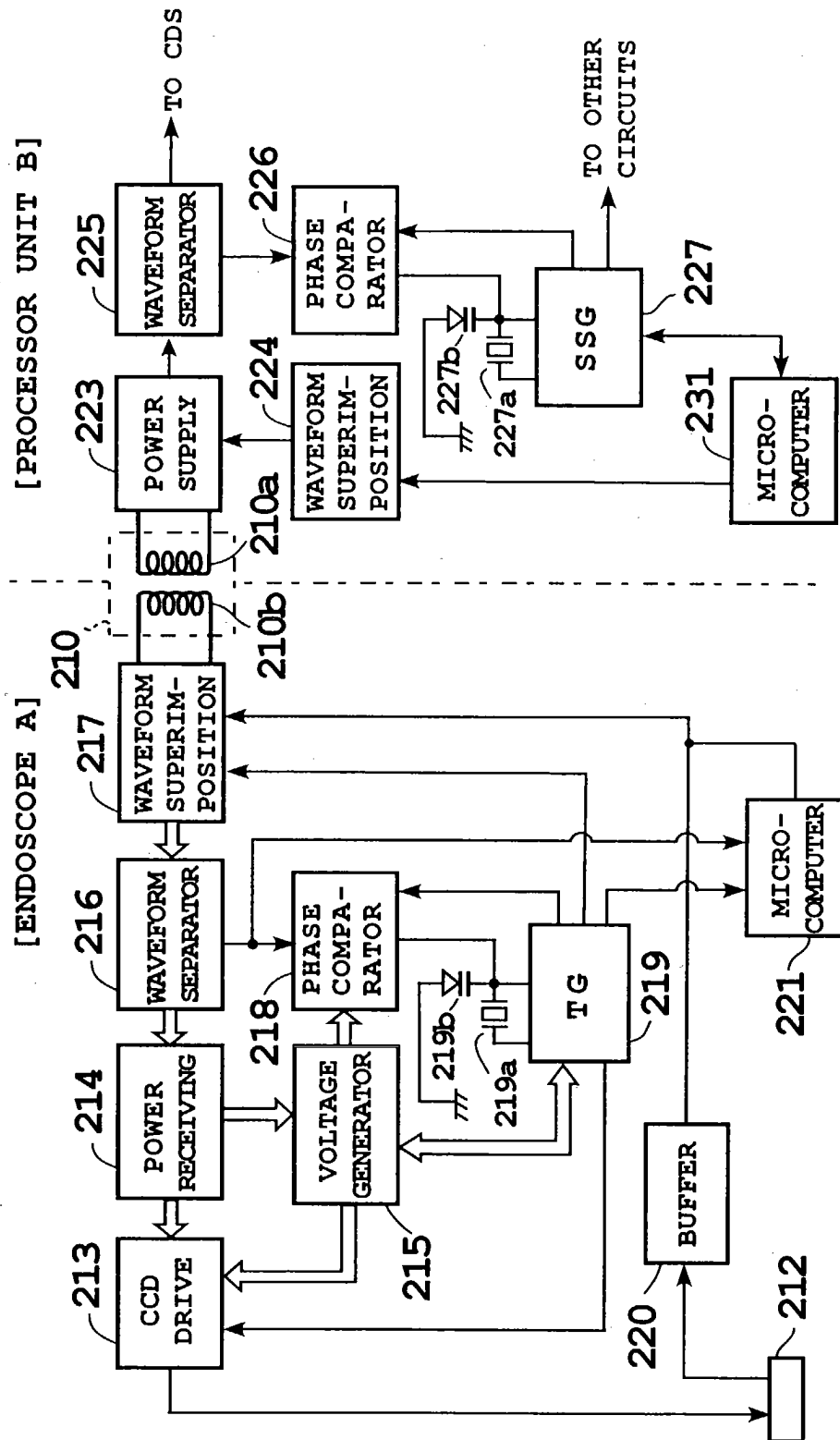
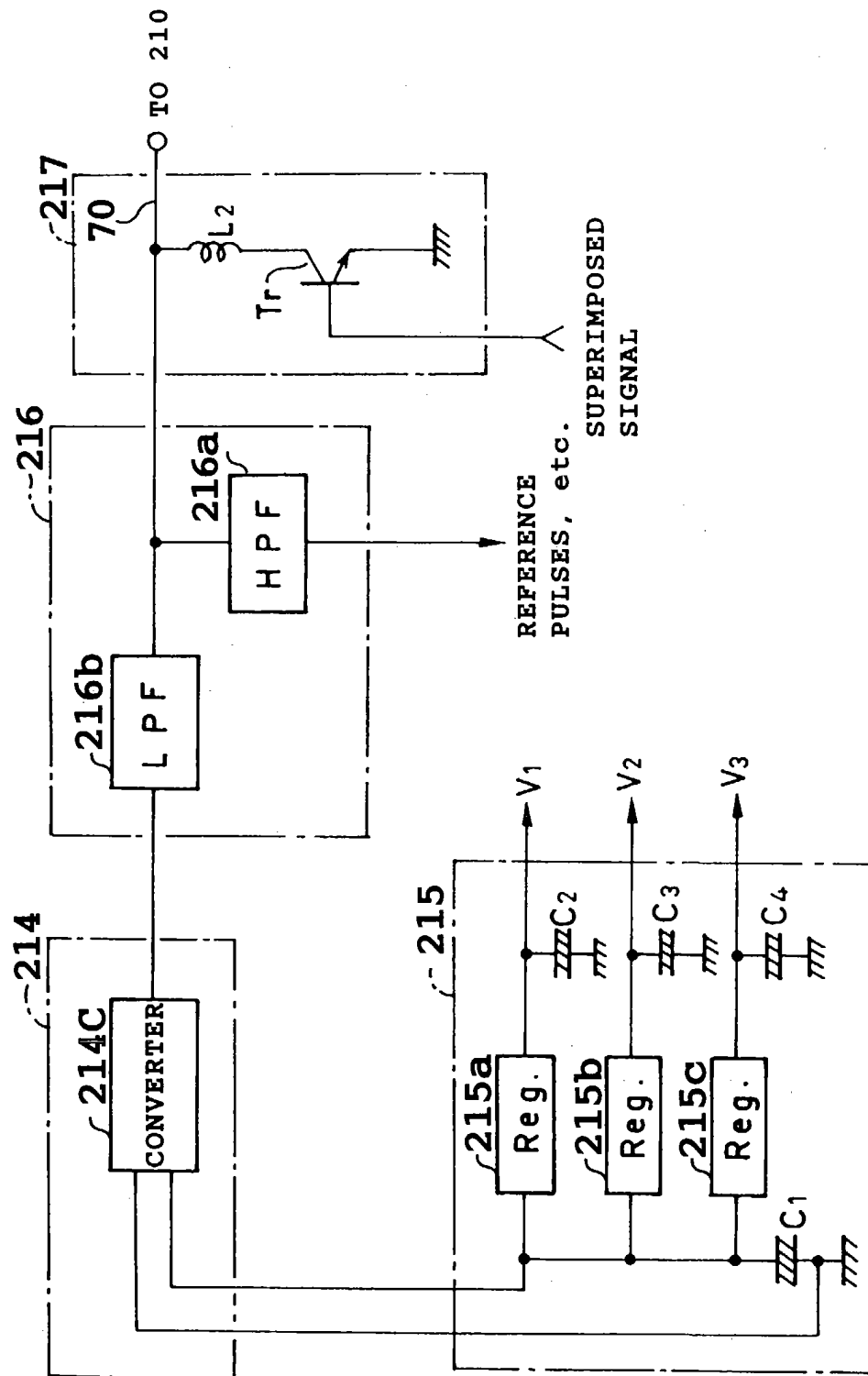




FIG. 11



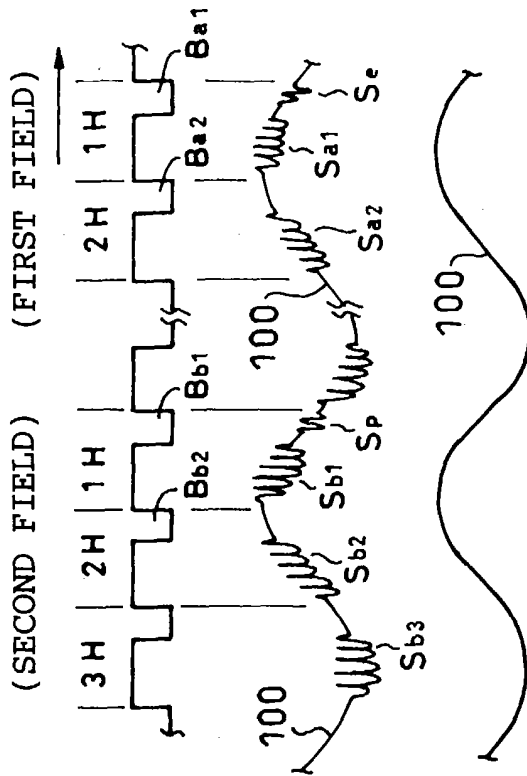


FIG. 12(A) HORIZONTAL SCANNING

FIG. 12(B) ELECTROMAGNETIC COUPLER

FIG. 12(C) LPF OUTPUT (SCOPE-SIDE)

FIG. 12(D) HPF OUTPUT (SCOPE-SIDE)

FIG. 12(E) HPF OUTPUT (PROCESSOR-SIDE)

FIG. 12(F) SCOPE-SIDE REFERENCE PULSES

FIG. 12(G) VIDEO SIGNAL